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J1131 U.S. PTO

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**FILE NO: 46417.001012**

**BOX PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Filing of New U.S. Utility Patent Application  
Title: **"SINGLE KU-BAND MULTI-POLARIZATION GALLIUM  
ARSENIDE TRANSMIT CHIP"**  
Inventor: Masud JENABI

Dear Sir:

Attached is a new patent application for filing in the United States Patent and Trademark Office including sixteen (16) pages of Specification, four (4) pages of Claims (numbered 1-24), one (1) page Abstract, five (5) sheets of Drawing (Figs. 1-5), an unexecuted Sole Declaration and an Information Disclosure Statement and Form PTO 1449 (w/2 references).

The filing fee is calculated as follows:

				AMOUNT
		<b>BASIC FILING FEE</b>		<b>\$740.00</b>
<i>No. of Claims</i>		<i>No. in Excess</i>	<i>Rate</i>	
<i>Number of Claims in Excess of: 20</i>	24	4	\$18.00	<b>\$ 72 .00</b>
<i>Independent Claims in Excess of: 3</i>	3	0	\$80.00	<b>\$ .00</b>
<i>First Presentation of Multiple Dependent Claims</i>			\$ 270.00	<b>0.00</b>
<i>Reduce by 1/2 for Small Entity</i>				
<i>Recordation of Assignment</i>				<b>\$ 0.00</b>
<b>TOTAL FEE DUE</b>				<b>\$812.00</b>

21967  
PATENT TRADEMARK OFFICE

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A check in the amount of \$812.00 is attached to cover the basic application filing fee and additional claims fees. In the event of any variance between the amount enclosed and the Patent and Trademark Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 50-0206.

Please direct all communication concerning this application to:

Stephen T. Schreiner, Esq.  
Hunton & Williams  
1900 K Street, N.W.  
Suite 1200  
Washington, DC 20006

Respectfully submitted,

HUNTON & WILLIAMS

By: 

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Dated: December 14, 2001